PROJECT TITLE : Additives and Analytical Services

Period Covered : November 27, 1979 - January 30, 1980
Report Written by : A. Widmer
Report Approved by : F. Lopes

TRIALS WITH NEW SUPPLIERS OF TOBACCO ADDITIVES

- Honey (USEGO, Olten, ex YUCATAN / yellow sheet 5572, 0.5 kg) :

  The sample is within specifications.

TRIALS WITH NEW SUPPLIERS OF GLUES

- Tipping glue (ISAAR RACOLL CHEMIE, Wels (Austria) "Ipatherm WS 1067" / yellow sheet 5501, 18 kg) :

  This glue has been developped especially for porous paper. In the test cigarette (MLF-CH), it has been considered as good as "Lesso 2088" and "Ipatherm WS 1065", although it seems to be slightly less adhesive than the standard.

  Panel B : Accepted.
  Panel A : Not acceptable because of a significant difference between test cigarette and standard.

- Tipping glue (HENKEL, "A 7637-21") - Ref. 1 :

  Panel A did not accept the test cigarettes (MLY-DB) because of a significant difference to the standard.

- Tipping glue (THUERMER, "max 2/44") - Ref. 1 :

  Panel A accepted the test cigarettes (BSL-IT).

- Tipping glue (ex DELFT, "401-2980") - Ref. 2 :

  Panel A did not accept the cigarettes (MLK-DB) because of a lack of cleanness.

- Glue for packing machine (JOSE PUJADAS, Barcelona, "6612 F" / yellow sheet 5499, 10 kg) :

  A trial on the machine showed worse results than with the standard glue. Further trials are not foreseen.

- Glue for packing machine (JOSE PUJADAS, Barcelona, "6649 E" / yellow sheet 5500, 10 kg) :

  A trial on the machine showed worse results than with the standard glue. Further trials are not foreseen.

- Glue for packing machine (CHEMIE MOUDON SA, Sarnen, "Moudocol V-764" / yellow sheet 5472, 1000 kg) :

  In the laboratory, a viscosity of 3400 cps instead of 1800-2000 cps has been found. The trial on the machine raised serious problems, even with mixtures with 50 % standard glue. According to the supplier, the low quality of the glue is due to an error of fabrication.

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QC ASSISTANCE FOR OTHER COUNTRIES

- Mentholated cigarettes (Nigeria) - Ref. 3 :

Four brands have been analysed :

		TARGET MENTHOL	GREEN SPOT	VARSITY	SWEET MENTHOL WHITE TIPPING
Menthol	(mg/cig)	1.98	5.19	3.22	2.86
Menthol	(mg/cig.smoke)	0.37	0.93	0.57	0.71
Menthol in the smoke	(%)	18.7	17.9	17.7	24.8
Menthol	(µg/puff)	38	109	61	73
Puff count / cig.		9.5	8.5	9.4	9.8

Each value corresponds to the average of four determinations. In order to confirm the results (especially for different productions and times of storage), we asked to receive further samples of these brands in spring.

SERVICES FOR OTHER GROUPS

- Analyses for foil mentholating :

Menthol in tobacco, filter and inner foil (72)

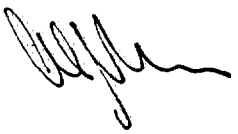
- Analyses for reaction flavour :

Chlorids (10)

- Analyses for Mr. D. Schulthess :

Total nitrogen in tobacco and extracts (60)

A. Widmer



References :

1. Letter from A. Widmer to Mr. B.W. Lutzig dd. December 6, 1979
2. Letter from A. Widmer to Mr. W. Tessendorf, dd. February 4, 1980
3. Letter from A. Widmer to Mr. D. Polack, dd. February 4, 1980

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